

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	03/09/2020 03/09/2020	Sterling York

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0784_01_s_2013_4				
Comment Code					
Inspector Comment					
O&M manuals are located at the district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0784_01_s_2013_5				
Comment Code					
Inspector Comment					
RD 784 participates with the neighboring districts to strategically place flood fight supplies around the local districts for fast response. They also have a shipping container at their district office, and three containers at another district full of flood fight supplies.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0784_01_s_2013_6				
Comment Code					
Inspector Comment					
RD 784 and its employees host and participate in a Flood Fight class put on by DWR every fall in their district.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yuba River	Left	2.21	03/09/2020 03/09/2020	Sterling York

LM Start	0.04	Rating **	A	Issue No.	3
LM End	2.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.134404 °	39.125840 °
				-121.552729 °	-121.588658 °
DWR ID	DWR_RD0784_01_s_2020_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_178_3_20200310_00005.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

LM Start	0.04	Rating **	A	Issue No.	2
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.134404 °	39.125840 °
				-121.552729 °	-121.588659 °
DWR ID	DWR_RD0784_01_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_178_2_20200310_00006.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Feather River	Left	2.54	03/09/2020 03/09/2020	Sterling York

LM Start	0.00	Rating **	A	Issue No.	1
LM End	2.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.125841 °	39.090345 °
				-121.588659 °	-121.584731 °
DWR ID	DWR_RD0784_02A_s_2020_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_531_1_20200310_00001.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	2.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.125841 °	39.090345 °
				-121.588659 °	-121.584731 °
DWR ID	DWR_RD0784_02A_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_531_2_20200310_00002.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	03/09/2020 03/09/2020	Sterling York

LM Start	8.96	Rating **	A/W	Issue No.	1
LM End	9.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.009366 °	39.004549 °
				-121.579766 °	-121.579143 °
DWR ID	DWR_RD0784_02B_f_2018_1				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 17.8 L					
Status: Eroding					
2017 Field Notes: Large sandbar on opposite bank, thalweg moving closer to levee.					
Site History: 2003 - Bank is near vertical. Identified as a Potentially Critical site. 2004 - Eddy flow off downstream end of Modesto formation eroding the fluvial sediments. 2005 - Some new slumping. Actively eroding but berm width is greater than 50 ft. 2006 - Downgraded to regular erosion site. Still actively eroding. Large old rotational failures in high bank on the downstream end. 2008 - Removed from inventory due to wide berm width does not meet criteria for an erosion site. 2010 - Added back to the inventory after 10 ft of bank erosion in the winter 2009 storm. Steep vertical face. 2011 - Bank has retreated an additional 2.5 ft from last year. New tree popouts and erosion throughout the site. 2012 - Site continues to worsen with new tree popouts and many sections of new erosion.					

Photo 1 of 1 : SP_2020_RD0784_532_1_20200227_00001.jpg



USACE 2013 Photo #1

LM Start	8.97	Rating **	A	Issue No.	3
LM End	12.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009873 °	38.954664 °
				-121.579154 °	-121.574697 °
DWR ID	DWR_RD0784_02B_s_2020_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_532_3_20200310_00003.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B Feather River	Left	3.95	03/09/2020 03/09/2020	Sterling York

LM Start	9.02	Rating **	A	Issue No.	2
LM End	12.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009281 °	38.954664 °
				-121.578700 °	-121.574697 °
DWR ID	DWR_RD0784_02B_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_532_2_20200310_00004.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03A Bear River	Right	0.78	03/09/2020 03/09/2020	Sterling York

LM Start	2.43	Rating **	A	Issue No.	2
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.970601 °	38.974692 °
				-121.547556 °	-121.535502 °
DWR ID	DWR_RD0784_03A_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_533_2_20200310_00001.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	2.43	Rating **	A	Issue No.	1
LM End	3.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.970601 °	38.974692 °
				-121.547555 °	-121.535502 °
DWR ID	DWR_RD0784_03A_s_2020_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_533_1_20200310_00002.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	03/09/2020 03/09/2020	Sterling York

LM Start	3.22	Rating **	A	Issue No.	4
LM End	4.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974447 °	38.985475 °
				-121.532407 °	-121.510663 °
DWR ID	DWR_RD0784_03B_s_2020_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_534_4_20200310_00006.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	3.22	Rating **	A	Issue No.	5
LM End	4.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974446 °	38.985475 °
				-121.532407 °	-121.510663 °
DWR ID	DWR_RD0784_03B_s_2020_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_534_5_20200310_00007.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	03/09/2020 03/09/2020	Sterling York

LM Start	3.52	Rating **	A/W	Issue No.	8	
LM End	3.52	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.974330 °	38.974330 °	
				-121.526799 °	-121.526799 °	
DWR ID	18580					
Comment Code						
Inspector Comment						
DS_ID:18580 FS_ID:56116 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 12/16/2019 Pipe crossing was hydroflushed and video inspected in October 2019. Pending final review by RD784 District Engineer and DWR.2-1-2019 - Pipe crossing was video inspected on 8/14/2018. (P. Meagher) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall at the WS toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 92+88)]. FS Date: 2/27/2013						

No Photos

LM Start	4.28	Rating **	A/W	Issue No.	3
LM End	4.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.981271 °	38.981400 °
				-121.515999 °	-121.515848 °
DWR ID	DWR_RD0784_03B_f_2018_3				
Comment Code					
Inspector Comment					
2017 Site ID: BER 4.9 R					
Status: Eroding					
2017 Field Notes: Access Issues - Could not observe					
Site History: 2009 - Small site which could be repaired with					
maintenance. Erosion into the levee toe, rock has started to fail.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	03/09/2020 03/09/2020	Sterling York

LM Start	4.66	Rating **	U	Issue No.	9
LM End	4.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.985247 °	38.985247 °
				-121.511075 °	-121.511075 °
DWR ID	18627				

Comment Code

Inspector Comment

DS_ID:18627
FS_ID:56110
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/16/2019 Pipe crossing was hydroflushed and video inspected (again) in October 2019. Pending final review and recommendations from the RD784 District Engineer and DWR. (P.Meagher RD784)10/16/2018 Internal video inspection was completed recently and the inspection is being evaluated by the District Engineer. Waiting for internal inspection results to determine the internal condition of this crossing. Crossing remains Urgent due to the unknown condition of the pipe through the levee. (O. Magana - DWR UCIP)
11/30/2017 Crossing remains Urgent due to uncertainty of pipe condition through levee -- recommend an internal inspection of the pipe through the levee as a precaution measure to determine integrity of pipe. Repair of the rusted out collar (void) found at the WS pipe outlet has been repaired by the LMA. Received additional photos from DWR levee inspector, S. York, of the WS concrete headwall installed and vegetation cleared from WS. (O. Magana - DWR UCIP)
07/13/2017 - The rusted out collar at the bottom of the waterside flap gate has been sealed with concrete. Internal pipe inspections still pending. (P.Meagher-RD784).
04/13/2017 - Spoke to LMA representative, P. Meagher, regarding the status of this crossing. The report has been updated to indicate vegetation has been cleared from WS outlet and LS inlet. The crossing remains Urgent--WS pipe collar is rusted out on the bottom. Recommend internal pipe inspection to determine pipe integrity through the levee. Owner will need to coordinate with the CVFPB to address issue. (O. Magana - DWR UCIP)
01/16/2017 - Landowner who utilizes this pipe reported to RD784 staff on 1/11/2017 that he suspected this pipe at the waterside flap gate ring area was rusted out at the bottom. After investigating, we could see what was reported is correct. Sandbags have been temporarily placed around the 2" +/- gapped area underneath the flap gate ring. A permanent solution is anticipated to be completed in the next 3 to 6 months. The plan is to pour a concrete ring / headwall around the open corroded pipe end. Photos attached. (P. Meagher - RD784).
11/04/2016 - Flap gate on waterside has been cleared again as of 10/17/2016. The LS inlet area has been cleared as of 9/21/2016. See updated photos attached. (P.Meagher - RD784)
09/22/2016 - vegetation at inlet of pipe has been cleared by owner. photos added showing pipe inlet. (T. Hatch - DWR UCIP)
08/09/2016 - vegetation partially obscuring outlet on WS. Heavy vegetation on landside (LS) limiting inspection of inlet. Owner asked by RD0784 to clear vegetation and debris. (T. Hatch - DWR UCIP)

Photo 1 of 3 : UCIP_SP_2020_56110_77114.jpg



Close up photo of concrete seal where the rusted out void used to be. Farmer irrigation was currently flowing at the time the photo was taken.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03B Bear River	Right	1.49	03/09/2020 03/09/2020	Sterling York

11/1/2015 - Flap Gate has been cleared as of 12/9/2014 and again during summer of 2015 (P. Meagher/RD0784)2/27/2013 - Flap gate blocked by vegetation on WS toe. Unable to locate inlet. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 20 feet below the crown. Gate valve on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual 145, August 1955 (Station 4+96). USACE Sacramento As-built Drawings, 2-4-106, Exhibit B, Sheet 2, July 1944 (Station 4+96)].
FS Date: 10/16/2018 1:17:00 PM

LM Start	4.66	Rating **	U	Issue No.	9 (cont)
LM End	4.66	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_56110_77115.jpg



Concrete collar completed around the waterside exterior flap gate section.

LM Start	4.66	Rating **	U	Issue No.	9 (cont)
LM End	4.66	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_56110_76618.jpg



Sandbags temporarily placed in front of flapgate.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	03/09/2020 03/09/2020	Sterling York

LM Start	0.00	Rating **	A/W	Issue No.	6
LM End	5.81	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.974837 °	39.058518 °
				-121.538075 °	-121.542532 °
DWR ID	DWR_RD0784_04_s_2020_6				
Comment Code					
Inspector Comment					
2017 Site ID: WPC 0.1 R					
Status: Under Construction					
2017 Field Notes: Entire levee was under construction.					
Site History:					

No Photos

LM Start	0.00	Rating **	A	Issue No.	2
LM End	6.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974780 °	39.059261 °
				-121.535082 °	-121.550806 °
DWR ID	DWR_RD0784_04_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_181_2_20200310_00007.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	6.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974780 °	39.059261 °
				-121.535082 °	-121.550806 °
DWR ID	DWR_RD0784_04_s_2020_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_181_3_20200310_00006.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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Levee Inspections**

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Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Interceptor Canal	Right	6.33	03/09/2020 03/09/2020	Sterling York

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	0.01	Rating **	A	Issue No.	13
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974546 °	38.974546 °
				-121.532548 °	-121.532548 °
DWR ID	DWR_RD0784_05_s_2020_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_182_13_20200310_00029.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	0.01	Rating **	A	Issue No.	14
LM End	4.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.974546 °	39.020572 °
				-121.532548 °	-121.509015 °
DWR ID	DWR_RD0784_05_s_2020_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_182_14_20200310_00030.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	0.12	Rating **	A/W	Issue No.	15	
LM End	0.12	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.976147 °	38.976147 °	
				-121.533019 °	-121.533019 °	
DWR ID	18592					
Comment Code						
Inspector Comment						
DS_ID:18592 FS_ID:56118 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 12/16/2019 Pipe crossing was hydroflushed and video inspected (again) in October 2019. Pending final review by RD784 Engineer and DWR.2/1/2019 - Pipe crossing was video inspected on 8/13/2018. (P. Meagher)02/26/2013 Good candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Polyvinyl chloride weir inlet on landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 25+28)]. FS Date: 2/26/2013						

Photo 1 of 3 : UCIP_SP_2020_56118_16552.jpg



inlet control structure on LS toe.

LM Start	0.12	Rating **	A/W	Issue No.	15 (cont)
LM End	0.12	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_56118_16555.jpg



Concrete U-shaped outlet with flap gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	0.84	Rating **	M	Issue No.	16 (cont)
LM End	0.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.986432 °	38.986432 °
				-121.534983 °	-121.534983 °
DWR ID	18591				

Photo 2 of 2 : UCIP_SP_2020_56112_54245.jpg



Outlet with riprap on WS toe.

LM Start	1.60	Rating **	A/W	Issue No.	17
LM End	1.60	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.997305 °	38.997305 °
				-121.537081 °	-121.537081 °
DWR ID	18590				

Comment Code

Inspector Comment

DS_ID:18590
 FS_ID:56119
 EP_NO: N/A
 Repair Type: No Action Needed
 Crossing Status: Found
 UCIP Comments: 12/16/2019 Pipe crossing was hydroflushed and video inspected in October 2019. Pending final review by RD784 District Engineer and DWR. (P.Meagher - RD784)2-1-2019 - Pipe crossing was video inspected on 8/14/2018. (P. Meagher)02/26/2013 Good candidate for video inspection. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. Polyvinyl chloride weir on inlet. (See Drawing No. 2-4-106, Sheet 5). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 103+23)].
 FS Date: 2/26/2013

Photo 1 of 3 : UCIP_SP_2020_56119_16565.jpg



Concrete U-shaped headwall and flap gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	1.60	Rating **	A/W	Issue No.	17 (cont)
LM End	1.60	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.997305 °	38.997305 °	
			-121.537081 °	-121.537081 °	
DWR ID	18590				

Photo 2 of 3 : UCIP_SP_2020_56119_16563.jpg



Pvc weir on inlet at LS toe.

LM Start	1.60	Rating **	A/W	Issue No.	17 (cont)
LM End	1.60	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_56119_16562.jpg



Concrete U-shaped headwall and flap gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	1.86	Rating **	M	Issue No.	18
LM End	1.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.000975 °	39.000975 °
				-121.537779 °	-121.537779 °
DWR ID	18588				
Comment Code					
Inspector Comment					
DS_ID:18588 FS_ID:56113 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/16/2019 Pipe crossing was hydroflushed and video inspected in October 2019. Pending final review by RD784 District Engineer and DWR. (P.Meagher - RD784)2-1-2019 - Pipe crossing was video inspected on 8/14/2018. (P. Meagher)09/11/2015 Inlet buried. Good candidate for video inspection as pipe is corroded. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 116+78)]. FS Date: 9/11/2015 9:36:00 AM					

Photo 1 of 3 : UCIP_SP_2020_56113_54247.jpg



Concrete U-shaped outlet and flap-gate on WS toe.

LM Start	1.86	Rating **	M	Issue No.	18 (cont)
LM End	1.86	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_56113_54248.jpg



Debris covered inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	1.86	Rating **	M	Issue No.	18 (cont)
LM End	1.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.000975 °	39.000975 °
				-121.537779 °	-121.537779 °
DWR ID	18588				

Photo 3 of 3 : UCIP_SP_2020_56113_54249.jpg



Drainage outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	2.04	Rating **	M	Issue No.	19
LM End	2.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.003643 °	39.003643 °
				-121.538292 °	-121.538292 °
DWR ID	18587				

Comment Code

Inspector Comment

DS_ID:18587

FS_ID:56111

EP_NO: N/A

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 12-16-2019 - This pipe crossing was hydroflushed and video inspected (again) in October 2019. Pending final review by RD784 District engineers and DWR. (P.Meagher - RD784)2-1-2019 - The pipe crossing was video inspected on 8/14/2018. New photos of the landside toe added. In August 2017 a sinkhole was noticed at the bottom of the landside toe shelf area. The sinkhole developed as a result of the landowner who extended the existing pipe in order to complete a new unauthorized concrete flashboard structure replacement. The pipe owner was mailed a letter from RD784 with a Cc to CVFPB and DWR dated 10/23/2017 acknowledging the owner's completion of an attempted repair. The sinkhole has since returned.

On 1/31/2017 The waterside excess pipe end was discovered to be floating to the surface due to landside water runoff through the pipe. Because of the floating pipe, the water was not draining all the way through the pipe. Instead, the water was overtopping the levee shelf area. In order to resolve this issue, the excess portion of the pipe was cut off. After doing so, the water immediately started draining properly again. (P. Meagher, RD784 2/3/2017). Erosion at outlet may or may not be an issue.

FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS. Polyvinyl chloride weir on inlet. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 126+53)]. FS Date: 2/3/2017

Photo 1 of 3 : UCIP_SP_2020_56111_54250.jpg



Inlet with PVC weir on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	2.04	Rating **	M	Issue No.	19 (cont)
LM End	2.04	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.003643 °	39.003643 °	
			-121.538292 °	-121.538292 °	
DWR ID	18587				

Photo 2 of 3 : UCIP_SP_2020_56111_54253.jpg



Concrete U-shaped headwall on WS toe with Flap gate showing erosion at outlet.

LM Start	2.04	Rating **	M	Issue No.	19 (cont)
LM End	2.04	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_56111_76774.jpg



After photo after excess pipe was cut off. Actual photo date was 1/31/2017

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	3.06	Rating **	M	Issue No.	20	
LM End	3.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.015549 °	39.015549 °	
				-121.528590 °	-121.528590 °	
DWR ID	18596					
Comment Code						
Inspector Comment						
DS_ID:18596 FS_ID:56114 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/16/2019 Pipe crossing was hydroflushed and video inspected in October 2019. Pending final review by RD784 Engineer and DWR.2-1-2019 - Pipe crossing was video inspected on 8/15/2018. (P. Meagher)02/27/2013 Pipe has been sliplined with PVC, but the liner appears to be eroding at outlet and may be disjointed internal to the levee. See pic. Good candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS). Polyvinyl chloride weir on inlet at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 44+96)]. FS Date: 9/11/2015 9:26:00 AM						

Photo 1 of 3 : UCIP_SP_2020_56114_54259.jpg



Concrete U-shaped headwall and flap gate on WS toe.

LM Start	3.06	Rating **	M	Issue No.	20 (cont)
LM End	3.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_56114_54262.jpg



Pipe showing sliplined PVC insert. some erosion of PV at outlet and it may be disjointed internally.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	3.06	Rating **	M	Issue No.	20 (cont)
LM End	3.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.015549 °	39.015549 °
				-121.528590 °	-121.528590 °
DWR ID	18596				

Photo 3 of 3 : UCIP_SP_2020_56114_54261.jpg



Concrete U-shaped headwall on WS toe.

LM Start	3.23	Rating **	A/W	Issue No.	21
LM End	3.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.017336 °	39.017336 °
				-121.526530 °	-121.526530 °
DWR ID	18595				

Comment Code

Inspector Comment

DS_ID:18595
 FS_ID:56115
 EP_NO: N/A
 Repair Type: No Action Needed
 Crossing Status: Found
 UCIP Comments: 12/16/2019 - Pipe crossing was hydroflushed and video inspected in October 2019. Pending final review by RD784 District Engineer and DWR.02/01/2019 - Pipe crossing was video inspected on 8/15/2018 (P. Meagher)02/27/2013 Good candidate for video inspection. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 15.8 feet below the crown. Flap gate on the waterside (WS) end. Polyvinyl chloride weir on inlet at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955, Drawing No. 2-4-106, Sheet 6 (Station 53+86)].
 FS Date: 2/27/2013

Photo 1 of 2 : UCIP_SP_2020_56115_16594.jpg



PVC weir inlet on LS toe.

* Location

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	3.79	Rating **	A/W	Issue No.	22 (cont)
LM End	3.79	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.019222 °	39.019222 °	
			-121.516414 °	-121.516414 °	
DWR ID	18594				

Photo 2 of 3 : UCIP_SP_2020_56117_16591.jpg



PVC weir at inlet on LS toe.

LM Start	3.79	Rating **	A/W	Issue No.	22 (cont)
LM End	3.79	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_56117_16592.jpg



Concrete outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	3.96	Rating **	M	Issue No.	23	
LM End	3.96	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.019787 °		39.019787 °
				-121.513386 °		-121.513386 °
DWR ID	18593					
Comment Code						
Inspector Comment						
DS_ID:18593 FS_ID:53550 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 2/1/2019 - An attempt was made to video inspect this pipe crossing on 8/15/2018 but conditions were too muddy inside the pipe. (P. Meagher)11/14/2016 - Photos added of exposed flap gate on WS and possible inlet location on LS. Condition remains as Non-Urgent because of inlet not being fully operable. Unknown if pipe will operate as designed during high water or if it is full of sediment.11/01/2015 - Waterside Flap Gate Uncovered. Photo sent to DWR Matt Hoffman on 3/3/2014. Fresh photo sent to DWR Pavel Kazi on 9/9/2015. Landside toe has never been able to be located. Requesting DWR inspector to change the status of this issue to "No Action Needed". (P.Meagher - RD784).Pipe buried on LS toe and flap gate is blocked by soil on WS toe. (W. Wylie - UCIP Inspector). FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 145, August 1955 (Station 91+50)]. FS Date: 10/9/2015						

LM Start	3.96	Rating **	M	Issue No.	23 (cont)
LM End	3.96	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_53550_76147.jpg



Flap gate on the WS toe is exposed

Photo 2 of 3 : UCIP_SP_2020_53550_76148.jpg



Possible location of the inlet on the LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Interceptor Canal	Left	4.19	03/09/2020 03/09/2020	Sterling York

LM Start	3.96	Rating **	M	Issue No.	23 (cont)
LM End	3.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.019787 °	39.019787 °
				-121.513386 °	-121.513386 °
DWR ID	18593				

Photo 3 of 3 : UCIP_SP_2020_53550_74710.jpg



Enter photo 3 description or comment here.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	03/09/2020 03/09/2020	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.985581 °	38.987570 °
				-121.510460 °	-121.506670 °
DWR ID	DWR_RD0784_06_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_183_2_20200310_00005.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.985581 °	38.987570 °
				-121.510460 °	-121.506670 °
DWR ID	DWR_RD0784_06_s_2020_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_183_3_20200310_00004.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	03/09/2020 03/09/2020	Sterling York

LM Start	0.06	Rating **	M	Issue No.	4
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.985999 °	38.985999 °
				-121.509618 °	-121.509618 °
DWR ID	18626				
Comment Code					
Inspector Comment					
DS_ID:18626 FS_ID:56120 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/16/2019 Pipe was hydroflushed and video inspected (again) in October 2019. Pending final review by RD784 District Engineer and DWR. (P.Meagher - RD784)2-1-2019 - Pipe was video inspected on 8/13/2018. (P. Meagher)10-30-2015 - Waterside flap gate was cleared in December 2014 and again in September 2015 No LMA access available on Landside (P. Meagher).Pipe partially blocked on LS and flap gate blocked on WS (W. Wylie-UCIP Inspector) FIELD_STRUCT_DESC: 18-inch corrugated metal storm drainage pipe through the levee, 19 feet below the crown. Gate valve on the waterside (WS). [Additional Reference(s): USACE Drawing No. 2-4-106, Sheet 2]. FS Date: 9/11/2015					

Photo 1 of 3 : UCIP_SP_2020_56120_74682.jpg



Flap Gate is clear as of 9/11/15.

LM Start	0.06	Rating **	M	Issue No.	4 (cont)
LM End	0.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_56120_54268.jpg



Partially clogged inlet pipe at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 South Dry Creek	Right	0.25	03/09/2020 03/09/2020	Sterling York

LM Start	0.06	Rating **	M	Issue No.	4 (cont)
LM End	0.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.985999 °	38.985999 °
				-121.509618 °	-121.509618 °
DWR ID	18626				

Photo 3 of 3 : UCIP_SP_2020_56120_54265.jpg



Flap gate blocked by vegetation at WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Yuba River	Left	3.82	03/09/2020 03/09/2020	Sterling York

LM Start	0.11	Rating **	A	Issue No.	1
LM End	3.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135160 °	39.165471 °
				-121.550331 °	-121.495676 °
DWR ID	DWR_RD0784_07_s_2020_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_184_1_20200310_00002.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	0.11	Rating **	A	Issue No.	2
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.135160 °	39.165471 °
				-121.550331 °	-121.495676 °
DWR ID	DWR_RD0784_07_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_184_2_20200310_00001.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Three Rivers	Right	1.93	03/09/2020 03/09/2020	Sterling York

LM Start	0.04	Rating **	A	Issue No.	2
LM End	1.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.955546 °	38.970482 °
				-121.574314 °	-121.547636 °
DWR ID	DWR_RD0784_08_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_437_2_20200310_00002.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

LM Start	0.04	Rating **	A	Issue No.	1
LM End	1.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.955546 °	38.970488 °
				-121.574314 °	-121.547632 °
DWR ID	DWR_RD0784_08_s_2020_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_437_1_20200310_00003.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Reclamation District No. 0784 Plumas Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Feather River	Left	5.71	03/09/2020 03/09/2020	Sterling York

LM Start	0.01	Rating **	A	Issue No.	1
LM End	5.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.090237 °	39.010031 °
				-121.584755 °	-121.579355 °
DWR ID	DWR_RD0784_09_s_2020_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_530_1_20200310_00001.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2020.

LM Start	0.01	Rating **	A	Issue No.	2
LM End	5.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.090236 °	39.010032 °
				-121.584756 °	-121.579355 °
DWR ID	DWR_RD0784_09_s_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP_2020_RD0784_530_2_20200310_00002.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2020.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement